Fig. 1

Fig. 2

Seam •

Front Side | t_{front}
Front Side |

Seam •

Back Side | t_{back}
Back Side |

t

Fig. 3

Move
front side
to next
free
position

Is
front side
OK?

No

Yes

Move
back side
to next
free
position

No

Is back
side OK?

Yes

Fig. 4

Position
next sheet

No

Collision with
seams or
sheets

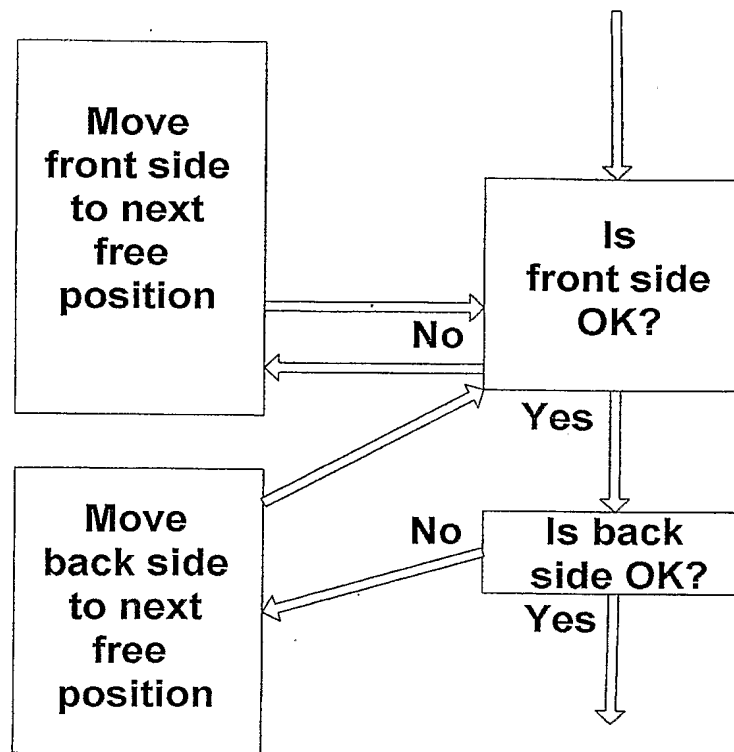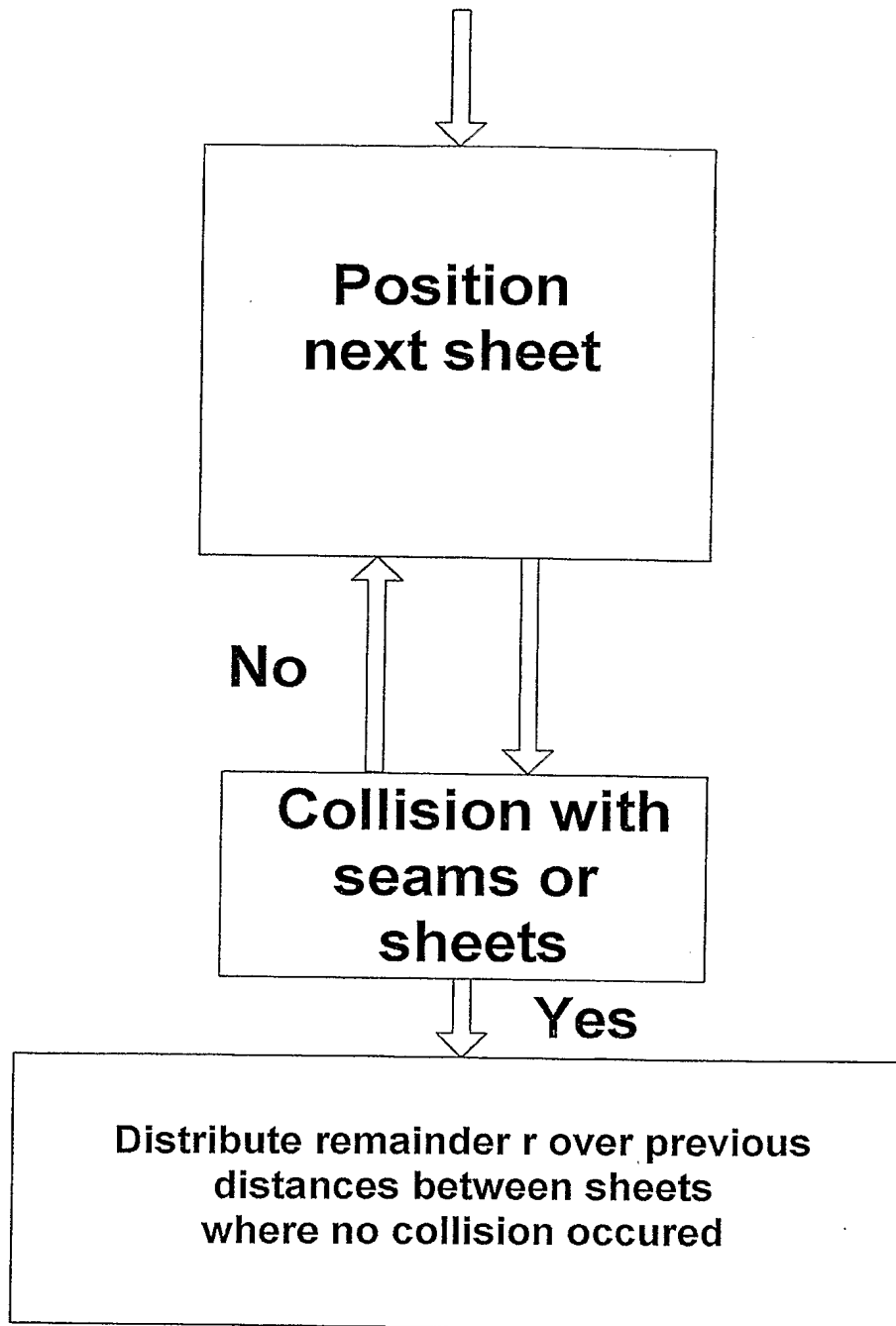Yes

Distribute remainder r over previous
distances between sheets
where no collision occured

Fig. 5

Examples of spaces between sheets

Seam   Toner usage   Fuser   Digital Front End

1 Duplex batch